

With the Medical Officer of Health's Compliments.



EBBW VALE
URBAN DISTRICT COUNCIL



REPORT
of the
MEDICAL OFFICER OF HEALTH
for the Year 1949



Prole & Son, Ebbw Vale.



EBBW VALE
URBAN DISTRICT COUNCIL



REPORT

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MEDICAL OFFICER OF HEALTH

for the Year 1949



CONTENTS

Ambulance Services	41
Births, Still Births	7
Cowsheds, Dairies, Milkshops	52
Deaths	8—11
Deaths—Age Groups, Wards	14—15
Deaths, Transferable	16—17
Disinfections	55
Domestic Help Service	41
Drainage and Sewerage	55
Earth Closets	55
Factories Act, 1937	52—53
Food and Drugs Act, 1938	49 36
Hospitals	41
Housing	44—47
Ice-cream	51
Immunisation against Diphtheria	23—24
Industries	42
Infantile Mortality	18—20
Infectious Diseases—Memorandum	37
Infectious Diseases—Age Groups, Wards	38
Infectious Diseases :	
Acute Polioencephalitis	35
Acute Poliomyelitis	35
Cerebro-spinal Fever	35
Continued Fever	36
Diphtheria	23
Dysentery	36
Encephalitis Lethargica	35
Enteric Fever	25
Erysipelas	34
Food Poisoning	36
Influenza	30
Malaria	36

Measles	28
Ophthalmia Neonatorum	27
Pneumonia	29
Puerperal Pyrexia	30
Scarlet Fever	22
Smallpox	25
Tuberculosis	31—33
Whooping Cough	26
Isolation Hospitals	40
Laboratory Services	42
Legislation, Byelaws	43
Maternity and Child Welfare	41
Members of the Council	5
Midwifery and Home Nursing	41
National Assistance Act, 1948, S.47	42
Public Cleansing	42
Public Conveniences	42
Public Health Act, 1936—Inspections	48
Public Health Meat Regulations, 1924	49
Public Houses	51
Rainfall	56
Rodent Infestation	48—49
Statistics, County	12
Statistics, General	4
Statistics, Registrar-General	13
Vaccination	25
Vermin	48
Water Supply	54
Zymotic Diseases	21
Zymotic Mortality	21

EBBW VALE URBAN DISTRICT COUNCIL



Rateable Value	£132,960
Area of District	6, 817 acres
Population (Census) 1931	31,695
Population (Estimated) 1949	29,440
Population (Estimated) 1948	29,430
Population (Estimated) for Birth and Death Rates	29,440
Number of Living Births	514
Illegitimate Births	18
Birth Rate per 1,000 inhabitants	17.46
Birth Rate per 1,000 inhabitants, 1948	19.50
Number of Deaths	404
Death Rate per 1,000 inhabitants	13.72
Death Rate per 1,000 inhabitants, 1948	10.33
Infantile Mortality	37
Infant Death Rate per 1,000 Births	71.98
Infantile Death Rate per 1,000 Births, 1948	47.04
Zymotic Death Rate	0.10
Phthisis Death Rate per 1,000 inhabitants	0.65
Phthisis Death Rate per 1,000 inhabitants, 1948	0.85

EBBW VALE URBAN DISTRICT COUNCIL

Chairman Councillor A. Thomas, J.P.

Vice-Chairman Councillor C. Jenkins

Members of The Council

Councillor D. W. H. Bennett

„ F. E. Bird

„ A. J. Bull

„ J. G. Bush

„ W. Darby

„ A. Davies

„ D. H. Davies

„ J. Davies

„ R. Davies, B.A.

Councillor A. J. Fonesca, Solicitor.

„ O. T. Harris

„ J. James

„ T. Nicholas

„ C. W. Norton

„ E. J. Parsons

„ F. Talbot

„ D. Warren

„ G. Watkins

Councillor C. C. Weston

Clerk to the Council R. E. Herbert, Esq.

Deputy Clerk to the Council H. Williams, Esq., Solicitor

Treasurer and Accountant W. Hicks, F.I.M.T.A., F.S.A.A.

Engineer and Surveyor J. G. Hoskins, M.Inst.M.&Cy.E.

Architect J. L. Thomas, L.R.I.B.A., A.R.I.C.S.,
A.M.I.Mun.E., M.R.S.I.

Health Committee

Chairman Councillor W. Darby

Medical Officer of Health :

F. M. Fonesca, F.R.C.S.I., D.P.H.

Senior Sanitary Inspector :

A. Stokes, M.R.S.I., M.S.I.A.

Additional Sanitary Inspectors :

J. R. Pulsford, M.R.S.I.

D. H. Cowles, M.R.S.I.

Clerk :

T. S. Bowen

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TO THE

EBBW VALE URBAN DISTRICT COUNCIL

FOR THE YEAR 1949



To the CHAIRMAN and MEMBERS
of the EBBW VALE URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to submit my report for the year 1949. It is made in accordance with the memorandum of the Ministry of Health.

The area of the Ebbw Vale Urban District is 6,817 acres, with an estimated population of 29,440.

The population given by the Registra-General for calculating Birth and Death Rates is 29,440.

The returns of the Births and Deaths as submitted by the Registra-General will be used for calculating purposes. The figures do not quite correspond with those of the weekly returns made by the Local Registrar.

BIRTHS

During 1949, 489 Births were registered, of which 251 were males and 238 females; 3 males and 5 females being illegitimate. The returns as supplied by the Registrar-General were 270 males and 244 females (10 males and 8 females being illegitimate) thus making a total of 514 or 25 more than the local returns.

The general birth rate per 1,000 inhabitants is 17.46 as against 19.50 for 1948 and 16.70 for England and Wales. In 1949 the male birth rate was 9.17, the female being 8.29 per thousand, whilst in 1948 these birth rates were 10.47 and 9.04 respectively.

Year	Population	No. of Births	Birth Rate	England and Wales
1947	29,140	605	20.76	20.50
1948	29,430	574	19.50	17.90
1949	29,440	514	17.46	16.70

Births for the Year, 1949—Local Returns

Month	Males	Females	Total	Males	Females	Total
January	24	23	47			
February	18	20	38	59	59	118
March	17	16	33			
April	25	24	49			
May	13	20	33	56	64	120
June	18	20	38			
July	27	20	47			
August	16	21	37	63	58	121
September	20	17	37			
October	23	22	45			
November	29	13	42	73	57	130
December	21	22	43			
	251	238	489	251	238	489

					Males		Females		Total
Illegitimate	.....	.....	.....	.....	3	.....	5	.....	8

Number of Still-Births

					Males		Females		Total
Legitimate	.....	.....	.....	.....	7	.....	6	.....	13
Illegitimate	.....	.....	.....	.....	—	.....	—	.....	—
					<hr/>				
					77	.....	6	...	13
					<hr/>				

DEATHS

The total number of Deaths from all causes which occurred in this area as returned by the Registrar-General was 404; of this number 246 were males and 158 females. The weekly returns of Deaths from the Local Registrar together with the Transferable Deaths returned by the County County Medical Officer shows the total number to be 411.

The general Death Rate per thousand of the population is 13.72; 8.36 being males and 5.36 females, while for England and Wales the annual Death Rate is 11.70.

Year	Population	No. of Deaths	Death Rate	England and Wales
1947	29,140	335	11.49	12.00
1948	29,430	304	10.33	10.80
1949	29,440	404	13.72	11.70

Monthly Deaths of Males and Females

Local Returns.

				Males		Females		Total
January	...	...	...	19	...	21	...	40
February	...	...	...	22	...	14	...	36
March	...	...	...	22	...	13	...	35
April	...	...	...	24	...	17	...	41
May	...	...	...	15	...	7	...	22
June	...	...	...	17	...	12	...	29
July	...	...	...	20	...	10	...	30
August	...	...	...	9	...	4	...	13
September	...	...	...	16	...	11	...	27
October	...	...	...	11	...	11	...	22
November	...	...	...	19	...	11	...	30
December	...	...	...	26	...	19	...	45
				220	...	150	...	370

The Transferable Deaths as returned by the County Medical Officer of Health were :-

Males 31 ; Females 10.

Causes of Death in Ebbw Vale Urban District, 1949



								M	F
1.	Typhoid and paratyphoid fevers	....	....	....	....	....	....	—	—
2.	Cerebro-spinal fever	....	....	....	....	....	....	—	—
3.	Scarlet fever	....	....	....	....	....	....	—	—
4.	Whooping cough	....	....	....	....	....	....	—	—
5.	Diphtheria	....	....	....	....	....	....	—	—
6.	Tuberculosis of respiratory systems	....	....	....	....	....	....	9	8
7.	Other forms of tuberculosis	....	....	....	....	....	....	—	2
8.	Syphilitic diseases	....	....	....	....	....	....	—	—
9.	Influenza	....	....	....	....	....	....	6	7
10.	Measles	....	....	....	....	....	....	—	—
11.	Acute polio-myelitis and polio-encephalitis	....	....	....	....	....	....	—	—
12.	Acute inf. encephalitis	....	....	....	....	....	....	1	1
13.	Cancer of buc. cav. and oesoph. (M) uterus (F)	....	....	....	....	....	....	2	4
14.	Cancer of stomach and duodenum	....	....	....	....	....	....	9	4
15.	Cancer of breast	....	....	....	....	....	....	—	3
16.	Cancer of all other sites	....	....	....	....	....	....	24	12
17.	Diabetes	....	....	....	....	....	....	—	—
18.	Intra-cranial vascular lesions	....	....	....	....	....	....	17	21
19.	Heart diseases	....	....	....	....	....	....	54	42
20.	Other disorders of circulatory system	....	....	....	....	....	....	10	6
21.	Bronchitis	....	....	....	....	....	....	21	3
22.	Pneumonia	....	....	....	....	....	....	9	7

Causes of Death—Continued

	M	F
23. Other respiratory diseases	5	2
24. Ulcer of stomach or duodenum .. .	5	—
25. Diarrhoea under 2 years	1	2
26. Appendicitis	1	1
27. Other digestive diseases	7	4
28. Nephritis	6	2
29. Puerperal and post-abortion sepsis .. .	—	—
30. Other maternal causes	—	1
31. Premature birth	11	2
32. Congenital malformation, birth injuries, infant, dis.	7	7
33. Suicide	2	1
34. Road traffic accidents	3	—
35. Other violent causes	9	1
36. All other causes	27	15
All causes	246	158

Population

29,440

Comparability factor

1.13

Live Births :

Total	270	244
Legitimate	260	236
Illegitimate	10	8

Still Births :

Total	7	6
Legitimate	7	6
Illegitimate	—	—

Causes of Death—Continued

Deaths of Infants under 1 year of age :

Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	24	13
Legitimate	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	13
Illegitimate	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	—

Statistical Rates of Births and Deaths for the County of Monmouth for the year 1949 are as follows :

Live Birth Rate per 1,000 of the population	.....	.....	.....	.....	18.2
Still-birth Rate per 1,000 of the population	.....	.....	.....	.....	.58
Death Rate per 1,000 of the population	.....	.....	.....	.....	12.1
Infantile Mortality per 1,000 Births	.....	.....	.....	.....	42.7

The Maternal Mortality Rates for the County are :

		Puerperal Sepsis	Other Maternal Deaths	Total
Per 1,000 total Births (Live and Still)	.....	0.16	1.33	1.49

VITAL STATISTICS

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates
for Certain Infectious Diseases in the Year 1949. Provisional figures based on
Quarterly Returns

	England and Wales	126 County Borough and Great Towns (including London)	148 Smaller Towns (Resident Population 25,000-50,000 at 1931 Census)	London Administrative County
<i>Births</i>				
	Rates per 1,000 Civilian Population			
Live births	16.7(a)	18.7	18.0	18.5
Still births	0.39(a)	0.47	0.40	0.37
<i>Deaths</i>				
All Causes	11.7(a)	12.5	11.6	12.2
Typhoid and paratyphoid ...	0.00	0.00	0.00	0.00
Whooping cough	0.01	0.02	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.45	0.52	0.42	0.52
Influenza	0.15	0.15	0.14	0.11
Smallpox	0.00	0.00	—	—
Acute poliomyelitis and polio- encephalitis	0.01	0.02	0.02	0.01
Pneumonia	0.51	0.56	0.49	0.59
<i>Notifications (Corrected)</i>				
Typhoid fever	0.01	0.01	0.01	0.01
Paratyphoid fever	0.01	0.02	0.01	0.01
Cerebro-spinal fever	0.02	0.03	0.02	0.02
Scarlet fever	1.63	1.72	1.83	1.46
Whooping cough	2.39	2.44	2.39	1.70
Diphtheria	0.04	0.05	0.04	0.07
Erysipelas	0.19	0.20	0.19	0.17
Smallpox	0.00	0.00	0.00	0.00
Measles	8.95	8.91	9.18	8.54
Pneumonia	0.80	0.91	0.65	0.55
Acute poliomyelitis	0.13	0.13	0.12	0.18
Acute polioencephalitis	0.01	0.01	0.02	0.01
Food Poisoning	0.14	0.16	0.14	0.19
<i>Deaths</i>				
	Rates per 1,000 Live Births			
All causes under 1 year of age	32(b)	37	30	29
Enteritis and Diarrhoea under 2 years of age	3.0	3.8	2.4	1.7
<i>Notifications (Corrected)</i>				
	Rates per 1,000 Total (Live and Still) Births			
Puerperal fever and pyrexia ...	6.31	8.14	5.30	6.82

Maternal Mortality in England and Wales

International List No. and cause	Rates per 1,000 Total (Live and Still Births)	Rates per million women aged 15-44
140. Abortion with sepsis	0.11	8
141. Abortion without sepsis... ..	0.05	4
147. Puerperal infections	0.11	
142-146, 148-150. Other Maternal causes	0.71	

(a) Rates per 1,000 total population.

(b) Per 1,000 related live births.

Causes of Death in Ebbw Vale Urban District, 1949.

Local Returns

Cause of Death	Males	Females	At All Ages	Under 1 year	1—2 years	2—3 "	3—4 "	4—5 "	5—10 "	10—15 "	15—20 "	20—35 "	35—45 "	45—65 "	Over 65 "
1 Typhoid and Para-typhoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Tuberculosis of Respiratory Organs	5	6	11	...	...	...	...	...	...	...	...	3	2	6	...
7 Other Forms of Tuberculosis	...	2	2	...	1	...	...	...	...	...	...	1	...	...	...
8 Syphilitic Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Influenza	5	7	12	...	...	...	...	...	...	...	...	...	...	2	10
10 Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Ac. Polio-myel. and Polio-encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Ac. Inf. Encephalitis	1	1	2	...	...	...	...	...	...	...	...	...	1	1	...
13 Cancer of buc. cav. & oesoph. (M) uterus (F)	2	3	5	...	...	...	...	...	...	...	...	...	...	2	3
14 Cancer of Stomach and duodenum	8	4	12	...	...	...	...	...	...	...	...	...	...	5	7
15 Cancer of Breast	...	4	4	...	...	...	...	...	...	...	...	...	...	3	1
16 Cancer of all other sites	24	11	35	...	...	...	...	...	...	...	...	...	1	13	21
17 Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Intra-cranial vascular lesions	16	20	36	...	...	...	...	...	...	...	...	...	1	8	27
19 Heart Disease	55	36	91	...	...	1	...	...	1	...	...	1	1	27	60
20 Other dis. of circn. system	7	6	13	...	...	...	...	...	...	...	...	...	...	3	10
21 Bronchitis	13	6	19	1	...	...	...	...	...	...	...	...	...	2	16
22 Pneumonia	10	8	18	3	1	...	...	...	...	...	...	...	2	3	9
23 Other Respiratory Diseases	6	1	7	1	...	...	...	...	...	...	...	...	...	6	...
24 Ulcer, stomach or duodenum	6	...	6	...	...	...	...	...	...	...	...	...	...	4	2
25 Diarrhoea (under 2 yrs.)	1	2	3	3	...	...	...	...	...	...	...	...	...	...	...
26 Appendicitis	1	1	2	...	...	...	...	...	...	...	...	...	...	2	...
27 Other Digestive Diseases	4	3	7	...	...	...	...	...	...	...	...	1	...	2	4
28 Nephritis	4	2	6	...	...	...	...	...	...	...	...	...	...	2	4
29 Pue. and post-abortion sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other Maternal Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31 Premature Birth	10	2	12	12	...	...	...	...	...	...	...	...	...	...	...
32 Congenital Malformation Birth Injuries, Infantile Diseases	3	7	10	10	...	...	...	...	...	...	...	...	...	...	...
33 Suicide	1	1	2	...	...	...	...	...	...	...	...	...	...	1	1
34 Road Traffic Accident	3	...	3	...	1	...	...	...	1	...	...	...	...	...	1
35 Other Violent Causes	7	2	9	1	...	...	1	...	...	...	...	...	3	1	3
36 All other Causes	28	15	43	3	...	1	...	...	...	...	...	1	4	7	27
	220	150	370	34	3	2	1	...	2	...	...	7	15	100	206

Causes of Death 1949. Local Returns.

Ward Distribution

Cause of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Typhoid and Para typhoid Fevers ...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever ...	...	...	...	...	...	...	...
3 Scarlet Fever ...	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...
5 Diphtheria ...	...	...	...	...	...	...	...
6 Tuberculosis of Respiratory Organs ...	1	2	1	2	2	3	11
7 Other Forms of Tuberculosis ...	...	...	...	...	1	1	2
8 Syphilitic Diseases ...	...	...	...	...	...	...	...
9 Influenza ...	1	...	4	2	3	2	12
10 Measles ...	...	...	...	...	...	...	...
11 Ac Polio-myel and Polio-encephalitis ...	...	...	...	...	...	...	...
12 Ac Inf Encephalitis ...	...	1	...	...	1	...	2
13 Cancer of buc cav & oesoph (M) uterus) F)	1	...	...	2	...	2	5
14 Cancer of Stomach and duodenum ...	2	1	3	3	2	1	12
15 Cancer of Breast ...	...	...	1	1	2	...	4
16 Cancer of all other sites ...	3	5	6	5	7	9	35
17 Diabetes ...	...	...	...	...	...	...	...
18 Intra-cranial vascular lesions ...	8	4	5	3	6	10	36
19 Heart Disease ...	13	15	25	17	12	9	91
20 Other d.s. of circu. system ...	2	...	...	3	4	4	13
21 Bronchitis ...	2	...	7	...	7	3	19
22 Pneumonia ...	5	2	8	2	...	1	18
23 Other Respiratory Diseases ...	1	...	...	1	2	3	7
24 Ulcer, stomach or duodenum ...	...	...	...	6	...	...	6
25 Diarrhoea (under 2 yrs.) ...	...	2	...	1	...	...	3
26 Appendicitis ...	...	...	...	2	...	...	2
27 Other Digestive Diseases ...	1	1	2	2	...	1	7
28 Nephritis ...	2	...	3	1	...	...	6
29 Pue. and post-abortion sepsis ...	...	...	...	...	...	...	...
30 Other Maternal Causes ...	...	...	...	...	...	...	...
31 Premature Birth ...	3	3	2	1	2	1	12
32 Congenital Malformation Birth Injuries, Infantile Diseases ...	2	1	3	...	4	...	10
33 Suicide ...	...	...	2	...	...	...	2
34 Road Traffic Accident ...	...	1	...	...	1	1	3
35 Other Violent Causes ...	2	1	1	1	1	3	9
36 All other Causes ...	5	9	4	12	8	5	43
	54	48	77	67	65	59	370

Transferable Deaths 1949.

Cause of Death	Males	Females	At All Ages	Under 1 year	1—2 years	2—3 "	3—4 "	4—5 "	5—10 "	10—15 "	15—20 "	20—35 "	35—45 "	45—65 "	Over 65 "
1 Typhoid and Para-typhoid Fevers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Cerebro-Spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6 Tuberculosis of Respiratory Organs ...	3	3	6	...	...	...	...	...	...	...	2	2	1	1	...
7 Other Forms of Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Syphilitic Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Ac Polio-myel and Polio-encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 Ac Inf. Encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer of buc cav & oesoph (M) uterus (F) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14 Cancer of Stomach and duodenum ...	2	...	2	...	...	...	...	...	...	...	...	...	1	1	...
15 Cancer of Breast ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 Cancer of all other sites ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1
17 Diabetes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Intra-cranial vascular lesions ...	1	1	2	...	...	...	...	...	...	...	...	1	...	...	1
19 Heart Disease ...	4	2	6	...	...	...	...	...	...	...	1	...	...	1	4
20 Other dis. of circu. system ...	3	3	6	...	...	...	...	...	...	...	...	...	...	...	6
21 Bronchitis ...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	3
22 Pneumonia ...	4	...	4	1	...	...	...	...	...	...	...	1	...	1	1
23 Other Respiratory Diseases ...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...
24 Ulcer, stomach or duodenum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25 Diarrhoea (under 2 yrs.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26 Appendicitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27 Other Digestive Diseases ...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...
28 Nephritis ...	2	...	2	...	...	...	...	...	...	...	...	...	1	1	...
29 Pue. and post-abortion sepsis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other Maternal Causes ...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...
31 Premature Birth ...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
32 Congenital Malformation Birth Injuries, Infantile Diseases ...	2	...	2	2	...	...	...	...	...	...	...	...	...	...	...
33 Suicide ...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...
34 Road Traffic Accident ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35 Other Violent Causes ...	2	...	2	...	...	...	...	...	...	...	...	1	...	1	...
36 All other Causes ...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...
	31	10	41	4	...	...	...	...	...	...	3	6	4	8	16

Distribution of Transferable Deaths Wards.

Cause of Death	North Ward	Badminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Typhoid and Para-typhoid Fevers
2 Cerebro-Spinal Fever
3 Scarlet Fever
4 Whooping Cough
5 Diphtheria
6 Tuberculosis of Respiratory Organs ...	1	3	...	...	...	2	6
7 Other Forms of Tuberculosis
8 Syphilitic Diseases
9 Influenza
10 Measles
11 Ac Polio-myel and Polio-encephalitis
12 Ac Inf. Encephalitis
13 Cancer of buc cav & oesoph (M) uterus) F)
14 Cancer of Stomach and duodenum	1	1	...	...	2
15 Cancer of Breast
16 Cancer of all other sites	1	...	1
17 Diabetes
18 Intra-cranial vascular lesions	2	2
19 Heart Disease ...	1	1	1	...	...	3	6
20 Other dis. of circu. system	1	...	2	...	1	2	6
21 Bronchitis	2	...	1	...	3
22 Pneumonia ...	1	1	1	...	1	...	4
23 Other Respiratory Diseases
24 Ulcer.stomach or duodenum
25 Diarrhoea (under 2 yrs.)
26 Appendicitis
27 Other Digestive Diseases	1	...	...	...	1
28 Nephritis	2	2
29 Pue. and post-abortion sepsis
30 Other Maternal Causes	1	...	1
31 Premature Birth	1	...	...	...	...	1
32 Congenital Malformation Birth Injuries, Infantile Diseases
33 Suicide	1	...	...	...	1
34 Road Traffic Accident
35 Other Violent Causes	1	...	1	2
36 All other Causes ...	1	...	...	...	...	...	1
	7	6	9	2	5	12	41

Infantile Mortality

	1949	1948	1947
Number of Deaths (Under 1 year)	37	27	36
Number of Births	514	574	605
Infantile Mortality per 1,000 Live Births	71.98	47.04	59.50

There were 37 deaths amongst infants under one year, and the general total from All Causes was 404 so that 9.16 per cent of the deaths of the population occurred in children under one year.

According to the returns of the Registrar-General, there were 514 births during the year; 496 legitimate, out of which number 35 died, and 18 illegitimate with 2 deaths.

The number of Births notified by the local Registrar was 489, out of which number 8 were illegitimate. There were 37 deaths.

Infantile Mortality (Including Transferable Deaths) 1949. Distribution by Wards.

Cause of Death	North Ward	Radminton Ward	North Central Ward	Central Ward	South Central Ward	South Ward	Total
1 Premature Birth	3	4	2	..	2	1	12
2 Congenital Debility	1	..	..	..	..	..	1
3 Bronchitis ...	..	..	..	..	..	1	1
4 Broncho Pneumonia	1	2	..	..	..	..	3
5 Pneumonia ...	1	..	..	..	..	..	1
6 Other Respiratory Diseases	..	..	..	..	1	..	1
7 Asphyxia ...	..	..	..	..	2	..	2
8 Pulmonary Atelactasis	..	..	1	..	..	..	1
9 Gastritis and Enteritis	..	2	..	1	..	..	3
10 Meningitis ...	..	1	..	..	..	1	2
11 Spina Bifida	1	..	1	..	..	..	2
12 Cerebral Haemorrhage	..	..	1	..	..	..	1
13 Cerebral Birth Injury	..	..	..	..	2	..	2
14 All other Causes	2	1	..	..	1	1	6
	9	10	5	1	8	4	37

Infantile Mortality (Including Transferable Deaths) 1949.

Net Deaths from Stated Causes at Various Ages under One Year.

Causes of Death		Under 1 week	1—2 weeks	2—3 "	3—4 "	Total under One Month	1—3 months	3—6 "	6—9 "	9—12 "	Total under One Year	At all Ages
1	Premature Birth	8	1	1	..	10	2	..	..	..	2	12
2	Congenital Debility	..	..	..	..	1	..	..	..	..	..	1
3	Bronchitis ..	..	..	1	..	1	..	..	..	..	..	1
4	Broncho-Pneumonia	..	..	..	..	..	1	2	..	..	3	3
5	Pneumonia ...	..	..	..	..	..	1	..	..	..	1	1
6	Other Respiratory Diseases	..	..	..	..	..	1	..	..	..	1	1
7	Asphyxia ..	1	..	..	1	2	..	..	..	..	..	2
8	Pulmonary Atelactasis	1	..	..	..	1	..	..	..	..	..	1
9	Gastritis and Enteritis	..	..	1	1	2	..	..	1	..	1	3
10	Meningitis ...	..	..	..	..	..	1	1	..	..	2	2
14	Spina Bifida	1	..	..	..	1	..	1	..	..	1	2
12	Cerebral Haemorrhage	1	..	..	..	1	..	..	..	..	..	1
13	Cerebral Birth Injury	1	..	1	..	2	..	..	..	..	..	2
16	All other Causes	3	..	..	..	3	..	1	..	2	2	5
		16	1	4	3	24	6	5	1	1	13	37

Infectious Diseases

There were 352 Notifications of the Statutory Notifiable Diseases as against 1,044 in 1948. This shows a decrease of 692.

Zymotic Mortality

Out of the 404 Deaths from all causes, there were 3 from the "Seven Principal Diseases."

Small-pox, 0; Scarlet Fever, 0; Diphtheria and Membranous Group, 0; Enteric Fever, 0; Measles, 0; Whooping Cough, 0; Diarrhoea and Enteritis, 3.

These 3 deaths correspond to an annual Zymotic Death Rate of 0.10 per thousand of the population as compared with 0.14 for 1948.

Details as to the number of cases are given in the following table :—

Zymotic Diseases, 1949

Disease				Cases Notified	Deaths	Cases fatality per cent.	Death Rate	England and Wales
1.	Small-pox	.....	.....	0	0	0.00	0.00	0.00
2.	Scarlet Fever	.....	.....	30	0	0.00	0.00	—
3.	Diphtheria	.....	.....	1	0	0.00	0.00	0.00
4.	Enteric Fever	.....	.....	0	0	0.00	0.00	0.00
5.	Measles	.....	.....	146	0	0.00	0.00	—
6.	Whooping Cough	.....	.....	30	0	0.00	0.00	0.01
7.	Diarrhoea and Enteritis (under two years)	.....	.....	—	3	—	5.83	3.00

Death Rate per 1,000 Births.

The Rate of attack for all Infectious Diseases was 11.96 while in 1948 it was 35.47.

Scarlet Fever

				1949	1948	1947
Number of Cases Notified	.....	.....	.....	30	87	84
Number of Deaths	.....	.....	.....	0	0	0
Death Rate per 1,000 Ebbw Vale	.....	.....	...	0.00	0.00	0.00
England and Wales	.....	.....	.....	—	0.00	0.00
Attack Rate per 1,000 Ebbw Vale	.....	.....	.....	1.02	2.96	2.88

Monthly Notification of Scarlet Fever

				1949	1948	1947
January	...	...	...	0	9	12
February	...	...	...	0	12	4
March	...	...	...	5	9	12
April	...	...	...	0	3	10
May	...	...	...	3	7	6
June	...	...	...	1	14	6
July	...	...	...	1	8	6
August	...	...	...	0	7	3
September	...	...	...	5	4	6
October	...	...	...	3	4	5
November	...	...	...	5	7	6
December	...	...	...	5	3	6

30	...	87	...	84
----	-----	----	-----	----

Diphtheria

	1949	1948	1947
Number of Cases Notified	1	3	10
Attack Rate per 1,000 Ebbw Vale	0.03	0.10	0.34
Number of Deaths	0	0	1
Death Rate per 1,000 Ebbw Vale	0.00	0.00	0.03
England and Wales	0.00	0.00	0.01

The case notified, a resident of the Central Ward, was removed to the Isolation Hospital, Ashvale, Tredegar.

Diphtheria Immunisation

Immunisation is carried out at this Office, at the Welfare Centres (for infants under school age), and at the surgeries of the medical practitioners. Although no opportunity has been lost in emphasising to the public the importance of this work, it has been found that the number of children immunised during the year is less than in previous years.

There were no Deaths from Diphtheria in this district during the year, and only one case was notified.

Immunisations Carried out in the Various Age Groups during 1949

	Under 1 yr.	1	2	3	4	5-9	10-14	Total Under 15 yrs
Age at 31.12.49 i.e. Born in Year	1949	1948	1947	1946	1945	1940-44	1935-39	
No. Immunised	6	173	48	1	4	4	—	236

The number of Secondary or Re-inforcing injections given was 16.

**Total Number of Children who had completed
a Full Course of Immunisation at any time up to 31.12.49**

Age at 31/12/49 i.e. Born in year	Under										Total Under 15 yrs.				
	1 1949	2 1948	3 1947	4 1946	5 1945	6 1944	7 1943	8 1942	9 1941	10 1940					
No. Immunised ...	6	186	291	278	295	381	422	326	362	425	417	413	435	451	474
TOTALS ...	Under 5 yrs. = 1,056					5 - 9 yrs = 1,916					10 - 14 yrs. = 2,190				5,162

**Estimated Percentage of the Mid-1949 Child Population who have
been Immunised against Diphtheria at any time up to 31.12.49**

Age Groups	No. Immunised upto 31.12.49	Estimated Population mid 1949	Estimated Percentage	Estimated Percentage as at 31.12.48
Under 5 years ...	1056	2562	41.22%	48.74%
Between 5 and 15 years ...	4106	4369	93.98%	96.83%

Smallpox

No cases of Smallpox were notified during the year.

Vaccination

Since the Introduction of the National Health Service Act, 1946, the Office of Public Vaccinator has ceased to exist. Vaccinations are now carried out at this Office, at the Infant Welfare Centres, and at the surgeries of the Medical Practitioners.

I give below, in specified age groups, the number of persons who were vaccinated (or re-vaccinated) during the year.

Age at 31.12.49 i.e. Born in Year	Under 1 1949	1 to 4 1945 - 1948	5 to 14 1935 - 1944	15 or over before 1950	Total
Number Vaccinated :	26	7	3	8	44
Number Re-Vaccinated :	—	3	1	11	15

Enteric Fever (including Para-Typhoid)

NIL

Whooping Cough

	1949	1948	1947
Number of Cases Notified	30	235	65
Attack Rate per 1,000 Ebbw Vale	1.02	7.98	2.23
Number of Deaths	0	1	1
Death Rate per 1,000 Ebbw Vale	0.00	0.03	0.03
England and Wales	0.01	0.02	0.02

Monthly Notification of Whooping Cough

	1949	1948	1947
January	1 ...	5 ...	1
February	6 ...	8 ...	0
March	1 ...	8 ...	0
April	0 ...	8 ...	1
May	5 ...	36 ...	3
June	2 ...	47 ...	1
July	2 ...	39 ...	4
August	5 ...	44 ...	1
September	7 ...	21 ...	29
October	1 ...	7 ...	11
November	0 ...	8 ...	7
December	0 ...	4 ...	7
	30 ...	235 ...	65

Ophthalmia Neonatorum

Only one case of this disease was notified and that occurred in the Badminton Ward.

Notified	Cases treated at—		Vision	Total	Deaths
	Home	Hospital	Unimpaired	Blindness	
1	1	0	1	0	0

Monthly Notification of Ophthalmia Neonatorum

				1949		1948		1947
January	...	...	...	0	...	1	...	2
February	...	...	...	0	...	0	...	0
March	...	...	...	0	...	2	...	0
April	...	...	...	0	...	0	...	1
May	...	...	...	0	...	0	...	1
June	...	...	...	0	...	0	...	1
July	...	...	...	1	...	0	...	0
August	...	...	...	0	...	0	...	1
September	...	...	...	0	...	0	...	1
October	...	...	...	0	...	1	...	0
November	...	...	...	0	...	0	...	1
December	...	...	...	0	...	0	...	0
				1	...	4	...	8

Measles

	1949	1948	1947
Number of Cases Notified	146	572	531
Attack Rate per 1,000 Ebbw Vale	4.96	19.44	18.22
Number of Deaths	0	1	0
Death Rate per 1,000 Ebbw Vale	0.00	0.03	0.00
England and Wales	—	—	0.01

Monthly Notification of Measles.

	1949	1948	1947
January	1	26	116
February	1	110	13
March	7	55	11
April	8	38	5
May	21	161	6
June	41	114	20
July	40	40	117
August	23	15	152
September	1	5	28
October	1	1	4
November	2	3	24
December	0	4	35
	146	572	531

Pneumonia

	1949	1948	1947
Number of Cases Notified	79	70	63
Attack Rate per 1,000 Ebbw Vale	2.68	2.38	2.16
Number of Deaths	16	13	19
Death Rate per 1,000 Ebbw Vale	0.54	0.44	0.65
England and Wales	0.51	0.41	—

Monthly Notification of Pneumonia

	1949	1948	1947
January	7	11	12
February	10	13	4
March	24	13	6
April	3	1	3
May	7	3	3
June	5	2	3
July	3	2	5
August	3	3	5
September	2	1	2
October	4	1	4
November	9	4	6
December	2	16	10
	79	70	63

Influenza

	1949	1948	1947
Number of Deaths	13	6	6
Death Rate per 1,000 Ebbw Vale	0.44	0.20	0.20
England and Wales	0.15	0.03	0.09

Puerperal Pyrexia

	1949	1948	1947
Number of Cases Notified	1	2	1
Attack Rate per 1,000 Ebbw Vale	0.03	0.07	0.03
Number of Deaths	0	0	0

Monthly Notification of Puerperal Pyrexia

	1949	1948	1947
January	1 ...	0 ...	0
February	0 ...	0 ...	0
March	0 ...	0 ...	1
April	0 ...	0 ...	0
May	0 ...	0 ...	0
June	0 ...	0 ...	0
July	0 ...	0 ...	0
August	0 ...	0 ...	0
September	0 ...	0 ...	0
October	0 ...	0 ..	0
November	0 ...	0 ...	0
December	0 ...	2 ...	0
	1 ...	2 ...	1

Tuberculosis

Forty-five cases of Tuberculosis were notified during the year; forty being Pulmonary, and five Other Forms. Seventeen Deaths occurred from Pulmonary Tuberculosis; nine males and eight females, giving an annual death rate per 1,000 of the population of 0.31 and 0.27 respectively. There were two Deaths from Other Forms of Tuberculosis, both females, giving a death rate per 1,000 of 0.07.

					1949	1948	1947
Attack Rate per 1,000 Ebbw Vale :							
In Pulmonary Tuberculosis	.....	.....	.....		1.36	1.36	0.93
Other Forms	.....	.....	.....		0.17	0.24	0.17

Monthly Notification of Tuberculosis Pulmonary and Other Forms

	PULMONARY					OTHER FORMS				
	1949		1948		1947	1949		1948		1947
January	4	...	2	...	3	0	...	0	...	1
February	7	...	7	...	0	0	...	1	...	0
March	7	...	5	...	3	0	...	0	...	0
April	2	...	1	...	2	0	...	0	...	0
May	5	...	4	...	0	1	...	0	...	1
June	2	...	5	...	4	0	...	2	...	1
July	0	...	1	...	2	1	...	0	...	0
August	3	...	4	...	1	0	...	2	...	0
September	3	...	2	...	2	1	...	0	...	1
October	2	...	6	...	5	0	...	1	...	0
November	3	...	2	...	2	1	...	0	...	0
December	2	...	1	...	3	1	...	1	...	1
	40	...	40	...	27	5	...	7	...	5

Tuberculosis.

Age Groups	Notifications New Cases				Deaths Notified Cases				Deaths Non-Notified Cases			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	...	...	...	...	...	...	...	...	...	...	...	...
Between 1 and 5 years	...	...	...	1	...	...	...	...	...	...	...	1
5 " 10 "	...	2	...	1	...	...	...	...	...	...	...	...
10 " 15 "	1	1	...	1	...	...	...	...	...	...	...	...
15 " 20 "	4	4	...	1	...	2	...	...	...	...	...	...
20 " 25 "	...	2	...	...	...	1	...	1	...	...	...	...
25 " 35 "	6	5	...	...	2	2	...	...	...	...	...	...
35 " 45 "	4	3	1	1	1	2	...	...	...	...	...	...
45 " 55 "	1	4	...	...	1	1	...	...	...	...	...	...
55 " 65 "	2	1	...	...	3	1	...	...	1	...	...	...
Over 65 "	...	...	...	...	...	...	...	...	...	...	...	...
	18	22	1	4	7	9	...	...	1	...	...	1

Public Health (Prevention of Tuberculosis) Regulations, 1925

Action taken under these Regulations relating to Tuberculosis employees in the milk trade	Nil
(a) Action taken under Article 3	Nil
(b) Of the number of cases in which Notices have been served under Article 5	Nil
(c) Of the number of appeals under Article 6 and their result and;	Nil
(d) Of the number of cases in which compensation has been paid, and its average amount	Nil

Public Health Act, 1936, Section 172

No action has been taken by the Council under this Section during the year.

Tuberculosis Physician's Report upon Tuberculosis Work in Ebbw Vale during the year ended December 31st, 1949

Patients from this district attend the Visiting Station at the Workmen's Hall, Ebbw Vale.

1. Number of Cases examined at Ebbw Vale Clinic (including Home Visits), i.e. New Cases seen during 1949 328
2. Total number of attendances at Ebbw Vale Clinic (including Home Visits), i.e. New and Old Cases seen during 1949 1,218

Erysipelas

				1949	1948	1947
Number of Cases Notified	.....	.....	.....	17	21	10
Attack Rate per 1,000 Ebbw Vale	.....	.....	.....	0.58	0.71	0.34

Monthly Notification of Erysipelas

				1949		1948		1947
January	...	...	...	2	...	2	...	3
February	...	...	...	2	...	3	...	0
March	...	...	...	1	...	2	...	1
April	...	...	...	3	...	0	...	2
May	...	...	...	0	...	0	...	1
June	...	...	...	0	...	2	...	1
July	...	...	...	1	...	0	...	2
August	...	...	...	1	...	4	...	0
September	...	...	...	0	...	2	...	0
October	...	...	...	1	...	2	..	0
November	...	...	...	4	...	2	...	0
December	...	...	...	2	...	2	...	0
				<hr/>				
				17	...	21	...	10
				<hr/>				

Encephalitis Lethargica

	1949	1948	1947
Number of Cases Notified	0	1	0
Attack Rate per 1,000 Ebbw Vale	0.00	0.03	0.00

Acute Polio-myelitis and Polio-encephalitis

	1949	1948	1947
Number of Cases Notified	2	1	0
Attack Rate per 1,000 Ebbw Vale	0.07	0.03	0.00
Number of Deaths	0	0	0

Cerebro-spinal Meningitis

	1949	1948	1947
Number of Cases Notified	0	0	2
Attack Rate per 1,000 Ebbw Vale	0.00	0.00	0.07
Number of Deaths	0	0	2

Malaria

	1949	1948	1947
Number of Cases Notified	0	1	0
Attack Rate per 1,000 Ebbw Vale	0.00	0.03	0.00

Dysentery

NIL

Continued Fever

NIL

Food and Drugs Act, 1938, Sec. 17

There were no Notifications of Food Poisoning during the year.

Memorandum

The tabular statement shown below is made up of figures submitted by the Registrar-General for the information of Medical Officers of Health. They are of certain Infectious Diseases which concern the district as compiled from his returns. The second column gives the case rate per 1,000 population from the same diseases in (i) Ebbw Vale and (ii) England and Wales during the year 1949.

						Notified Cases in the District	Case Rate per 1,000 (i) Ebbw Vale	(ii) Eng. & Wls.
Typhoid Fever	.....	.....	.....	.....	.....	0	0.00	0.01
Paratyphoid Fever	.....	.....	.....	.....	.....	0	0.00	0.01
Cerebro-spinal Fever	.....	.....	.....	.....	.....	0	0.00	0.02
Scarlet Fever	.....	.....	.....	.....	.....	30	1.02	1.63
Whooping Cough	.....	.....	.....	.....	.....	30	1.02	2.39
Diphtheria	.....	.....	.....	.....	.....	1	0.03	0.04
Erysipelas	.....	.....	.....	.....	.....	17	0.58	0.19
Smallpox	.....	.....	.....	.....	.....	0	0.00	0.00
Measles	.....	.....	.....	.....	.....	146	4.96	8.95
Pneumonia	.....	.....	.....	.....	.....	79	2.68	0.80
Acute Poliomyelitis	.....	.....	.....	.....	.....	2	0.07	0.13
Acute Polioencephalitis	.....	.....	.....	.....	.....	0	0.00	0.01
Food Poisoning	.....	.....	.....	.....	.....	0	0.00	0.14

Infectious Diseases, Analysis of Total Cases and Deaths

Disease	At all Ages	Cases Notified										Ward Distribution						Removed to Hospital		
		Under 1 year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	Over 65 years	N. Ward	Badminton W.	N.C. Ward	C. Ward		S. C. Ward	S. Ward
Scarlet Fever...	30	1	2	1	1	2	16	7	...	...	...	...	...	9	6	5	4	5	1	...
Diphtheria ...	1	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia ...	79	3	...	2	1	...	5	1	1	8	9	...	...	35	10	18	1	5	6	...
Erysipelas ...	17	...	...	1	...	...	...	1	...	3	...	6	...	2	4	5	4	...	2	...
Measles ...	146	9	20	22	28	17	47	2	...	1	...	...	...	46	11	31	12	10	36	...
Whooping Cough	30	4	4	5	7	4	6	...	...	...	...	...	...	5	5	2	9	4	5	...
Puerperal Pyrexia	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...
Ophthalmia Neonatorum	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Acute Polio-myelitis	2	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	2
	307	18	29	32	38	23	74	11	1	14	9	29	29	99	38	61	35	24	50	3

DEATHS

Disease	AGE GROUPS.													Wards																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	At all Ages													Under 1 year	1-2 years	2-3 "	3-4 "	4-5 "	5-10 "	10-15 "	15-20 "	20-35 "	35-45 "	45-65 "	Over 65 years	N. Ward	B. Ward	N C. Ward	C. Ward	S.C. Ward	S. Ward																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Scarlet Fever

Isolation Hospital Report

During the year only three of the notified cases of Infectious Diseases were admitted to Isolation Hospitals

Disease	No. of Cases	No. of Deaths	Hospital
Diphtheria	1	0	Ashvale, Tredegar
Acute Polio-myelitis	2	0	Canton, Cardiff

Twenty-two cases of Pulmonary, and five cases of Non-Pulmonary Tuberculosis were admitted to various Sanatoria during the year.

Maternity and Child Welfare

There are three Clinics in the district, one at Cwm, Ebbw Vale, and Beaufort. Attendances show that the value of such Centres is well recognised in the area. In cases requiring further treatment or closer observation than it is possible to give at the weekly sessions, parents are advised to consult their own medical attendant. The Ante-natal clinics, well patronised, are held weekly.

Midwifery Service and Home Nursing

There are seven midwives, employed by the County Council, practising within the area. They work under the supervision of Miss Walters.

Home Nursing facilities are available to all necessitous cases, and employed in this respect are five District Nurses with one relief Nurse, all working under the supervision of Miss Spencer.

Domestic Help Service

In this area the Domestic Help Service has an establishment of six Full-time and twenty Part-time Home Helps. It is an efficiently run service and has proved a boon to all those households where assistance of this kind has been needed. During the year Domestic Help was supplied in 108 cases.

Hospitals

Medical and Surgical cases are treated at the Ebbw Vale Hospital. Persons suffering from Infectious Diseases however, are sent to Isolation Hospitals outside the area, generally to one of the hospitals controlled by the Rhymney & Sirhowy Valleys Hospital Management Committee.

Ambulance Services

Since the introduction of the National Health Service Act, 1946, the Ambulance Services have been controlled by the Monmouthshire County Council with the control centre at Caerleon. The local depot is situated at the Council Yard, Ebbw Vale.

National Assistance Act, 1948, Sec. 47

No action was taken by the Council under this Section which provides for the removal to suitable premises of persons in need of care and attention.

Laboratory Services

The Public Health Laboratory Service is directed by the Medical Research Council for the Ministry of Health. All specimens for bacteriological and pathological examination are sent to the Public Health Laboratory at the County Hall, Newport. There are no local facilities for this type of work.

Public Cleansing

The collection of house refuse and cleansing of street gullies, etc., are being carried out satisfactorily. To ensure that this work is performed in the most hygienic manner possible, the Local Authority have in use the most modern type of collecting and cleansing vehicles.

Public Conveniences

There are two public conveniences for both sexes within the town centre. The construction of similar structures throughout the district is progressing favourably. In addition, some of the old type urinals have been demolished and replaced by modern structures.

Industries

Particulars as to the staple industries of the district (or any Parish) or part of the district :—

Steam Coal Collieries.

Coke Making.

Coal Bye-products.

Iron and Steel Works.

Sheet Mills.

Brick Making.

The principal diseases from which those engaged in the coal mining industry suffer from are :

Bronchitis (acute, sub-acute and chronic), Anthracosis, Silicosis; Rheumatism (sub-acute and chronic), Neuralgia, Neuritis, Tonsillitis, Accidents and their complications, Varicose Veins, Flat foot, Heart Disease, Nystagmus, various forms of Back Knee and Elbow, Anaemia, Nephritis (occasional) Pneumoconiosis. The usual terminal disease is Pneumonia.

Legislation in Force.

Local Acts

Ebbw Vale Improvement Act	1903
Ebbw Vale Water Act	1904
Ebbw Vale Water Act	1913
Ebbw Vale Urban District Council Act	1917
Ebbw Vale Urban District Council Act	1920
Ebbw Vale Urban District Council Act	1923
Ebbw Vale Urban District Council Act	1941
Western Valley (Mon.) Sewerage Board Act	1903

Bye-Laws

With Respect to

Cleansing of Footpahts and Pavements	10th March, 1898
Nuisances	20th September, 1897
Common Lodging Houses	20th September, 1897
Slaughterhouses	20th September, 1897
Public Slaughterhouses	23rd January, 1891
For prevention of danger from Swings, Whirligigs, etc.	9th August, 1899
Nuisances	4th April, 1905
Tents, Vans, etc.	4th April, 1905
Offensive Trades	12th April, 1905
Employment of Children	26th June, 1908
Cemetries	2nd October, 1911
New Streets and Buildings	9th November, 1925
Dairies, Cowsheds, Milkshops	21st June, 1904
Pleasure Ground	21st June, 1904
Houses Let-in-lodgings	21st June, 1904

Sanitary Inspector's Report

Statistics

Year Ended December 31st, 1949

Estimated Population	.....	29,440
General Death Rate	.....	13.72
Death Rate from Tuberculosis	.....	0.65
Infantile Mortality	.....	37
Number of Dwelling Houses of all Classes, 1949	.....	6,869
Number of New Houses erected during the year :		
(i) By the Local Authority	.....	78
(ii) By other Bodies or Persons	.....	3

Housing Conditions

The housing conditions in the area improved very little during the year. 78 new houses were completed and occupied during this period but there still remains a waiting list of 1,555 applicants. As the number of applicants at the beginning of the year was 1549 there seems little hope that this figure will be substantially reduced unless the building programme can be speeded up considerably.

Apart from the applicants numbered above there is the considerable number of slum houses which will have to be dealt with. The majority of these houses are totally unfit for habitation and cannot be made reasonably fit without considerable expense. It is therefore a problem which must be faced within the next few years and the only solution appears to be the continuance of the pre-war slum clearance schemes. The life of many of the houses referred to has already been extended by ten years, and the time is rapidly approaching when an allocation of houses will have to be made to Local Authorities for the purpose of carrying out slum clearance schemes.

	B.S.I.F. Perm. Pre-fab.	Traditional Houses
Number of Houses owned by the Local Authority on 21/12/49	154	856
Number of Local Authority Houses in course of erection on 31/12/49 ...	—	70
Number of Houses for which sanction had been given but which had not been commenced on 31/12/49	—	122

**Total Number of Houses Erected
during the Year 1949**

	B.S.I.F. Perm. Pre-fab.	Traditional Houses
By Local Authority	—	78
By Private Enterprise	—	3
Number of Houses under construction by Private Enterprise but not completed on 21/12/49	—	4

1—Unfit Dwelling Houses

A. Inspection of Dwelling Houses during the Year

1.	(a)	Total number of dwelling houses inspected for housing defects under Public Health or Housing Acts	597
	(b)	Number of Inspections made for the purpose	839
2.	(a)	Number of dwelling-houses (included in sub-heading 1 above) which were inspected and recorded under the Housing Consolidated Regs., 1925 and 1932	270
	(b)	Number of Inspections made for the purpose	391
3.		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	68
4.		Number of dwelling-houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human habitation	259

B. Remedy of Defects during the Year without Service of Formal Notices

Number of dwelling-houses rendered fit in respect of Informal Action by the Local Authority or their Officers	105
---	-----

2—Action under Statutory Powers during the Year

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

1.	Number of Dwelling-houses in respect of which Notices were served requiring repairs	Nil
2.	Number of Dwelling-houses which were rendered fit after service of formal Notices :	
	(i) By the Owners	Nil
	(ii) By the Local Authority in default of Owners	Nil

(b) Proceedings under Public Health Acts :

1. Number of Dwelling-houses in respect of which Notices were served requiring defects to be remedied	184
2. Number of dwelling-houses in which defects were remedied after service of Formal Notices :	
(i) By Owners	184
By Local Authority in default of owners	Nil

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936.

1. Number of Houses in respect of which Demolition Orders were made	11
2. Number of dwelling-houses demolished in pursuance of Demolition Orders	11

(d) Proceedings under Section 12 of the Housing Act, 1936.

1. Number of tenements or underground rooms in respect of which Closing Orders were made	3
2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

Housing Act, 1936. Part VI—Overcrowding

1. (a) Number of dwellings overcrowded at the end of the year	431
(b) Number of Families dwelling therein	659
(c) Number of Persons dwelling therein	2,636
2. Number of new cases of overcrowding reported during the year	26
3. (a) Number of cases of overcrowding relieved during the year	58
(b) Number of Persons concerned in such cases	232
4. Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for abatement of overcrowding	Nil
5. Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	Nil

Table A
Inspections carried out during the Year under the
Public Health Act, 1936

Sanitary Accommodation, Cinemas, etc.	23
Drainage Works	156
Public Conveniences	68
Piggeries, etc.	107
Waterworks	15
Nuisances	481
Refuse Disposal	18
Vermin	29
Offensive Trades	21
Infectious Diseases	52
Miscellaneous	307

Eradication of Bed Bugs

Number of Dwelling-houses treated for eradication of bed bugs :

Council Properties	7
Private Properties	12

Methods employed in carrying out this work entail the use of D.D.T. smoke and steam disinfection of bedding, and satisfactory results have been obtained.

Rats and Mice Destruction Act, 1919, and the
Rodent Infestation Order, 1943

Extensive work was carried out during the year dealing with rodent infestation in the district. Two maintenance treatments of the sewers were carried out, using zinc phosphide and sausage rusk in the first treatment, and arsenic and bread mash in the second. In all, 2,216 man-holes were treated and very satisfactory results obtained.

A summary of surface infestation treatments is given below.

Table B

Premises	Number	No. of Visits
Business Premises, Private Houses, etc.	97	673
Refuse Tips	3	28
Schools	6	56
River Banks	1 section	12

Public Health Meat Regulations, 1924

There are no slaughterhouses operating in this area. All meat coming into the district is killed at the central slaughterhouse at Tredegar.

During the year 171 pigs were killed by cottagers and notification given to this Authority.

Food and Drugs Act, 1938

A considerable number of visits were paid to the various food premises in the district and during the year 19 Notices were served under Section 13 of the above Act. In all cases the necessary work was carried out without recourse to legal proceedings.

The table below gives details of the inspections carried out.

Table C

Premises	Number	No. of Visits
Greengrocers	19	53
Butchers	32	67
Restaurants, Cafes	12	47
Grocers	51	136
Fried Fish Shops	12	43
Bakehouses	13	38
Cooked Meat Shops	2	9
Markets	1	12

Table D

Below is a summary of foodstuffs condemned during the year.

Food Condemned.	Amount
Meat	744 lbs.
Meat, tinned	46 tins
Meat Paste	16 „
Fish	340 lbs.
Fish, tinned	37 tins
Meat & Vegetables	4 „
Vegetables	5 lbs.
Vegetables, tinned	119 tins
Soup	15 „
Soup, powder	51 pkts.
Bacon	175 lbs.
Poultry	88 „
Rabbits	12 „
Butter	19 „
Cheese	40 „
Eggs	210
Dried Eggs	2 tins
Tomatoes	144 „
Tomato Juice	7 „
Fruit, tinned	55 „
Fruit, dried	4 lbs.
Jam	14 jars
Milk, tinned	241 tins
Cereals	55 pkts.
Flour	3 lbs.
Pickles	179 jars
Sauces	62 bots.
Mustard	6 tins
Cakes	18
Mincemeat	2 lbs.

Public Houses

There are forty-three public houses and clubs in the area and regular inspections have been carried out. In six cases it was found necessary to take action to ensure the provision of adequate washing facilities for glasses, and for the repair or cleansing of conveniences. In all cases the requirements were complied with without the necessity of legal proceedings.

Ice-Cream (Heat-Treatment, etc.) Regulations, 1947

Seventeen premises are registered for the manufacture of ice-cream, and before registration every manufacturer was required to provide the necessary machinery to comply with the Regulations, and also, to manufacture in a separate room if ingredients other than the cold mix powders were to be used. In all cases the requirements were readily provided. The following tables show the total premises registered and the result of samples taken during the year.

Premises Registered	Number	No. of Visits
Sale, Manufacture and Storage	17	86
Sale	31	65

Results of Samples taken during the months of April, May and June :

Grade	Number
1	10
2	6
3	5
4	13
Total No. of Samples taken	34

Samples taken during July, August and September :

Grade	Number
1	16
2	9
3	8
4	6
Total No. of Samples taken	39

These tables show a definite improvement in the methods of production of ice-cream during the year, and this was largely due to the advice and assistance given by this Department to the producers.

Cowsheds Dairies and Milkshops

Almost all the milk sold in the area is Heat-treated or Pasteurised, and supplied bottled. There are only six small producers in the area and up to the time when the Ministry of Agriculture & Fisheries took over the control regular inspections were carried out.

As the present milk supply is mostly pasteurised it is hoped that this area will be included as part of a designated area by the Minister of Health. This would mean that the small proportion of raw milk now sold in the district would have to be pasteurised, which in my opinion is necessary to ensure that the milk is safe for human consumption.

There are thirty milk distributors in the area, and twenty-six of these sell bottled milk only. Eighty-two visits were paid to these distributors during the year. The numbers of samples taken for bacteriological examination was 113, of which number 31 were found to be unsatisfactory.

Factories Act, 1937

Regular visits were paid to factories and workplaces in the area to ensure the maintenance of a satisfactory standard of cleanliness. Action was taken in one case only, and in that instance the defect was immediately remedied.

Table E FACTORIES ACTS 1937 and 1948

Prescribed particulars on the administration of the Factories Act, 1937.

PART I OF THE ACT

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Reg. (3)	Number of			M/c line No. (7)
			Inspections (4)	Written Notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	5	17	.....	.....	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	47	98	1	.....	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority* (excluding out-workers premises	3	.....	.....	.....	.....	3
TOTAL.....		52	115	1	.....

2.—CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars	M/c line No. (2)	Number of Cases in which defects were found					M/c line No. (8)
		3 Found	4 Remed'd	To H M Inspector 5	Referred By H M Inspector 6	Number of Cases in which prosecutions were instituted (7)	
Want of cleanliness (S.1)	4	.....	.....	.....	.....	.....	4
Overcrowding (S.2)	5	.....	.....	.....	.....	.....	5
Unreasonable temperature (S.3)	6	.....	.....	.....	.....	.....	6
Inadequate ventilation (S.4)	7	.....	.....	.....	.....	.....	7
Ineffective drainage of floors (S.6)	8	.....	.....	.....	.....	.....	8
Sanitary Conveniences (S.7)....							
(a) insufficient	9	.....	.....	.....	.....	.....	9
(b) Unsuitable or defective	10	1	1	.....	.....	Nil	10
(c) Not separate for sexes	11	.....	.....	.....	.....	.....	11
Other offences against the Act (not including offences relating to Outwork.....	12	.....	.....	.....	.....	.....	12
TOTAL.....	60	1	1	.....	.....	Nil	60

* i.e. Electrical Stations [Section 103(1)], Institutions, (Section 104) and sites of Building Operations and Works of Engineering Construction (Sections 107 and 108).

PART VIII OF THE ACT

OUTWORK Sections 110 and 111

NIL

Water Supply

This area is supplied from two reservoirs situated on the Llangynidr Moors. These sources have been augmented by the provision of pumping stations on the Claisfer Stream, thus ensuring a supply of water during long periods of dry weather.

The water is conveyed to the town by means of cast iron gravitated mains, and as the use of lead supply pipes has been almost entirely superceded by galvanised iron, the risk of contamination by lead has been reduced to a minimum. The supply is on the whole adequate and satisfactory.

The number of houses supplied from public water mains direct to the houses was 6,859, and so approximately 29,420 of the population were thus served.

Samples of both raw and treated water were taken regularly from the reservoirs and from various springs in the area, and sent to the Public Health Laboratory at Newport for chemical and bacteriological examination. Results of the samples submitted during the year are tabulated below.

	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory
(a) Bacteriological Examinations :				
(i) Raw Water	1	3	5	4
(ii) Treated Water	17	2	—	—
(b) Chemical Examinations	4	—	2	—

In each instance where an unsatisfactory result was received, immediate action was taken to remedy the defects.

Earth Closets

There are 135 earth closets in the area and where possible the Local Authority are taking steps to ensure their conversion to the water carriage system. During the year fifteen earth closets were converted, and it is hoped to convert a considerable number during 1950.

Drainage and Sewerage

The district is being drained and sewered on the partially separate system. The surface water discharges into the River Ebbw. The sewerage system is connected to and discharges into the Western Valley Main Trunk Sewer from which it is conveyed to the Bristol Channel.

Infectious Diseases

The following Infectious Diseases were dealt with during the year. Each case of Tuberculosis notified was visited, and a report upon environmental conditions, etc. was forwarded to the Tuberculosis Physician for the area.

Disease	No. Notified	No. of Disinfections carried out	No. Removed to Hospital or Sanatorium
Scarlet Fever	30	28	
Diphtheria	1	1	1
Tuberculosis—Pulmonary	40	34	22
Other Forms	5	2	5
Acute Poliomyelitis	2	2	2

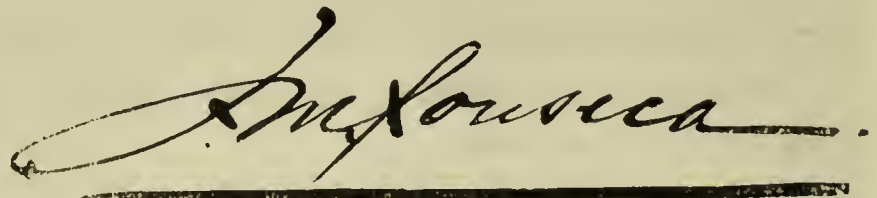
With regard to Tuberculosis Cases, disinfections were carried out immediately after admission to Sanatorium or after death.

Rainfall

Month	Inches	No. of Days
January	2.10	17
February	3.20	18
March	1.81	12
April	5.60	19
May	4.92	19
June	1.17	7
July	1.18	8
August	2.92	16
September	3.17	10
October	11.61	20
November	7.68	26
December	7.93	25

Conclusion

I take this opportunity to mark my appreciation of the generous co-operation afforded by Members of the Council, my fellow Officials, and my colleagues, and to express satisfaction at the work carried out generally in the Ebbw Vale Area.



F.R.C.S.I., D.P.H.
Medical Officer of Health.

